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### >Title: **JP10053988A2: DEINKING**

Derwent Title: Method for de-inking e.g. newspapers, leaflets, etc - from raw used paper by means of floatation process [\[Derwent Record\]](#)

Country: JP Japan

Kind: A (See also: [JP3203307B2](#))

Inventor: NIYUUKA YUUICHI;  
SHIROISHI TAKANOBU;  
IKEDA YASUSHI;  
TAKAHASHI HIROMICHI;



Assignee: KAO CORP  
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Published / Filed: 1998-02-24 / 1996-08-08

Application Number: **JP1996000209775**

IPC Code: **D21C 5/02;**

Priority Number: 1996-08-08 **JP1996000209775**  
1996-08-08 **JP19961996209775**

Abstract: PROBLEM TO BE SOLVED: To obtain a deinked pulp having high whiteness and yield and slight in tacky material and ash from various kinds of raw material waste paper by changing pH in the system by  $\geq 2$  in at least one part of a flotation process.

SOLUTION: A surfactant is added to pulp slurry prepared by adding various kinds of chemicals to raw material waste paper and these materials are mechanically stirred to deink the pulp slurry and the pulp slurry containing released ink is introduced into a floatator and pH in the system in a flotation process is changed by at least  $\geq 2$  (preferably 3-6) and the flotation process is preferably carried out at a range of pH10-4. Ink and filler, etc., removable at each pH are removed even if various kinds of waste papers are mixed therein to improve deinking effect.

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